

Converting Colors

CIELCh(69, 35.188, 219.358)

Have a look what the booklet for
CIELCh(69, 35.188, 219.358)
contains.

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Color

CIELCh(69, 35.255, 219.292)

Conversions

Conversions Part 1

Format	Color
Hex	30B8D0
RGB	48, 184, 208
RGB Percent	19%, 72%, 82%
CMY	0.8133, 0.2793, 0.1852
CMYK	0.77, 0.12, 0.00, 0.19
HSL	189°, 63%, 50%
HSV	189°, 77%, 81%
XYZ	29.6477, 39.3444, 65.5522
YIQ	146.0720, -88.7600, -21.3680

Conversions

Conversions Part 2

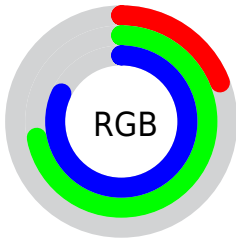
Format	Color
RYB	48, 122, 208
Decimal	3193040
CIELab	69.00, -27.28, -22.33
CIELCh	69, 35.255, 219.292
Yxy	39.3444, 0.2204, 0.2924
Android (android.graphics.Color)	4281383120 (0xFF30B8D0)
YUV	146.0720, 30.5305, -86.0091
Hunter-Lab	62.7251, -25.3991, -18.0547

Details

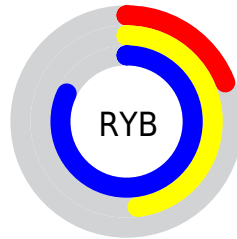
The CIELCh color **69, 35.255, 219.292** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **50, 67.789, 39.254**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 34.758, 210.475**, and **50, 29.926, 224.073** is the 20% darker color. If you saturate the color by 10%, you get **68, 36.586, 221.430**, and if you desaturate by 10%, it is **70, 33.100, 217.616**.

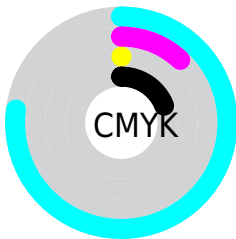
Distribution



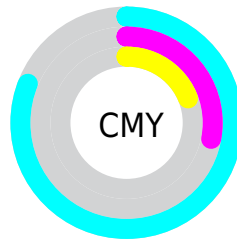
- Red (19%)
- Green (72%)
- Blue (82%)



- Red (19%)
- Yellow (48%)
- Blue (82%)



- Cyan (77%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)





- Cyan (81%)
- Magenta (28%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 35.255, 219.292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 35.255, 219.292 by changing the saturation by 10% instead.

 69, 35.255,
219.292


 69, 35.255,
219.292


 100, 35.255,
219.292


 59, 35.255,
219.292


 89, 35.255,
219.292

 49, 35.255,
219.292

 99, 35.255,
219.292

 39, 35.255,
219.292

 29, 35.255,
219.292

 19, 35.255,
219.292

 9, 35.255, 219.292

 0, 35.255, 219.292

69, 35.255,
219.292

69, 35.255,
219.292

68, 36.586,
221.430

70, 33.100,
217.616

67, 37.211,
224.065

72, 30.097,
216.340

66, 37.342,
224.878

74, 26.281,
215.399

75, 21.722,
214.734

77, 16.519,
214.293

79, 10.775,
214.039

82, 4.593, 213.978

84, 1.933, 33.536

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 35.255, 219.292



50, 67.789, 39.254

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 35.255, 219.292



69, 35.255, 269.292



69, 35.255, 39.292



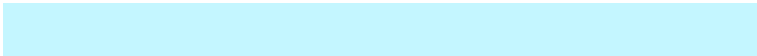
69, 35.255, 89.292

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 35.254, 219.291



94, 16.792, 214.176



74, 86.741, 140.275



49, 11.473, 214.288



0, 0.000, 0.000



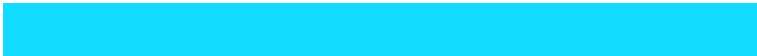
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 35.254, 219.291



81, 43.216, 222.957



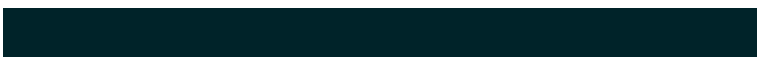
46, 60.312, 286.336



43, 3.676, 213.968



55, 31.937, 224.402



12, 12.342, 218.281

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51, 81.981, 333.680



59, 101.926, 334.797



66, 60.296, 77.410



41, 6.937, 329.371



38, 75.361, 335.198



5, 27.721, 333.380

Previews

White Background



This preview shows how the CIE LCh color 69, 35.255, 219.292 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 35.255, 219.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

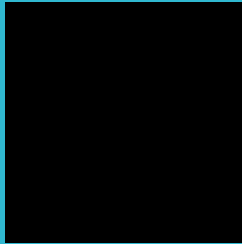
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 35.255, 219.292

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.255, 219.292.



This preview shows how white text looks on a background with the CIELCh color 69, 35.255, 219.292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

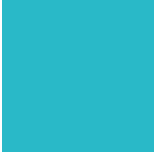
69, 35.255, 219.292

Protanopia

69, 16.012, 285.534

Deuteranopia

69, 26.424, 289.926



Tritanopia
69, 35.858, 210.280

Trichromacy



Original Color
69, 35.255, 219.292



Protanomaly
68, 22.062, 243.191



Deuteranomaly
68, 26.121, 254.560



Tritanomaly
69, 35.664, 213.192

Monochromacy



Original Color
69, 35.255, 219.292



Achromatopsia
61, 0.008, 296.813



Achromatomaly
63, 17.378, 213.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.255, 219.292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(48, 184, 208)` looks like.

```
.text, #text, p{  
    color:rgb(48, 184, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(48, 184, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 184, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.255, 219.292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 184, 208) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(48, 184, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(48, 184, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 184, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 184, 208);  
box-shadow:4px 4px 4px 4px rgb(48, 184,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.255, 219.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 184, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(48, 184,  
208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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